

L6 ANSWER 8 OF 15 CA COPYRIGHT 2005 ACS on STN
 AN 132:39374 CA
 ED Entered STN: 14 Jan 2000
 TI Sagging-controlling compositions for water-based **gypsum** spray
 plaster mixes
 IN Jeszenszky, Thomas; Eiffler, Jorgen; Goerlach-Doht, Yvonne Madeleine;
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 PA Dow Chemical Company, USA
 SO PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM C04B028-14
 ICS C04B028-14; C04B024-26; C04B024-26; C04B024-38; C04B103-30
 CC 58-3 (Cement, Concrete, and Related Building Materials)
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 9964368 | A1 | 19991216 | WO 1999-US13052 | 19990609 |
| | W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | AU 9944318 | A1 | 19991230 | AU 1999-44318 | 19990609 |
| PRAI | GB 1998-12504 | A | 19980610 | | |
| | WO 1999-US13052 | W | 19990609 | | |

CLASS

| | PATENT NO. | CLASS | PATENT FAMILY CLASSIFICATION CODES |
|----|--|-------|---|
| | WO 9964368 | ICM | C04B028-14 |
| | | ICS | C04B028-14; C04B024-26; C04B024-26; C04B024-38; C04B103-30 |
| | WO 9964368 | ECLA | C04B024/26R; C04B028/14; C04B040/00D4 |
| AB | The compns. comprise: (a) cellulose ether, starch ether, guar gum and/or xanthan gum 75-95, (b) methacrylamide or acrylamide homo- or interpolymer (e.g., diethylaminoethyl acrylate) 2-10, and (c) a non-cross-linked homo- or interpolymer comprising an olefinically unsatd., carboxylic group(s) contg. compd. in polymd. form (e.g., polyacrylic acid Narlex LD 36 V) 3-15 wt.% (all percentage most preferable). Such additives provide good sagging resistance and desired setting time of plasters at all stages of application, and also decrease content of makeup water to 3%. | | |
| ST | sagging control additive gypsum spray plaster | | |
| IT | Plaster | | |
| | (gypsum, water-based; sagging-resistant compns. for | | |

- guar gum
 - acrylate polymer
 - gypsum